

EMERGENCY PROCEDURES

PA-28-161 WARRIOR III

Engine Fire During Start

Starter -- crank engine
Mixture -- idle cut-off
Throttle -- full open
Fuel Pump -- OFF
Fuel Selector -- OFF

Engine Power Loss: Takeoff

Pitch for a safe airspeed
Fuel Selector – switch tanks
Magnetos -- cycle
Primer -- locked
Mixture – full rich
Fuel Pump --ON
Carburetor Heat -- ON
If no restart, follow POWER-OFF LANDING procedure

Engine Power Loss: In-Flight

Airspeed: 73 KTS, Best Glide airspeed

Best Site

Checklist:

Fuel Selector – switch tanks
Magnetos --cycle
Primer --locked
Mixture – full rich
Fuel Pump --ON
Carburetor Heat -- ON

Declare: Talk on 121.5; Squawk 7700; ELT -ON

Evacuate: Follow POWER-OFF LANDING Procedure

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Power-Off Landing

Fuel Selector -- OFF
Magnetos -- OFF
Mixture -- idle cut-off
Master Switch -- OFF
Seatbelts -- secure
Door -- secured open
Speed -- 63 KTS, flaps 40°

Fire In Flight

(electrical fire)

Master Switch -- OFF
Heater -- OFF
Defroster -- OFF
Air Vents -- OPEN
Land as soon as possible

(engine fire)

Establish an Emergency Descent
Fuel Selector -- OFF
Primer -locked
Throttle -- closed
Mixture – idle cut-off
Fuel Pump --OFF
Carburetor Heat -- OFF
Cabin Heat -- OFF
Defroster -- OFF
Windows / Air Vents -- OPEN
Follow POWER-OFF LANDING procedure

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Loss Of Fuel Pressure

Fuel Pump -- ON
Fuel Selector – switch tanks

Electrical Failure

1.) ALT light illuminated:

Ammeter -- check to verify inoperative

2.) If ammeter shows zero:

ALT switch -- OFF

3.) Reduce electrical loads to a minimum

ALT circuit breaker -- check and reset
ALT switch -- ON

4.) If power is not restored:

ALT switch -- OFF
Land as soon as possible

Electrical Overload

ALT switch -- ON

Battery switch -- OFF

If alternator loads are reduced:

Electrical load -- reduce to a minimum

If alternator loads are not reduced:

ALT switch -- OFF
Battery switch -- as required

Land as soon as possible

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Spin Recovery

Throttle -- idle
Ailerons -- neutral
Rudder -- full opposite direction of rotation
Control Wheel -- full forward
Rudder -- neutral when rotation stops
Control Wheel -- as required to smoothly regain
level flight attitude

Open Door

Airspeed: slow to 89 KTS
Air Vents -- closed
Window -- open
If upper latch open -- latch
If lower latch open -- pull on arm rest and latch
If both latches open -- latch lower, then upper

Carburetor Icing

Carburetor Heat -- ON
Mixture -- adjust for max. engine smoothness

Engine Roughness

Carburetor Heat -- ON
If roughness continues:
Carburetor Heat -- OFF
Mixture -- adjust for max smoothness
Fuel Selector -- switch tanks
Magnetos -- cycle
Primer -- locked
Fuel Pump -- ON
Engine Gauges – check for abnormal

